Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 24 Dec 2023 until 23:59 on Monday 25 Dec 2023

Forecast Issued on Saturday 23 Dec 2023 at 17:05

Confidence: High becoming Medium on Monday.

Headline for Sunday 24 Dec 2023: Rain and drizzle dying out. Brighten skies and scattered showers. Windy.

Mountain weather hazards on Sunday 24 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Light rain	Cloudy	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
80%	70%	70%	60%	50%	30%	20%	20%

Forecast for Sunday 24 Dec 2023

Weather: Overcast with rain and drizzle overnight and during the morning. The cloud lifting and breaking around midday with occasional showers following. Windy with gales over the tops with significant buffeting.

Chance of cloud-free hill tops above 600m: 20% rising to 80% around midday.

Low cloud and visibility: Extensive cloud, base 200 to 500m, becoming occasional or extensive base 600 to 900m around midday. Visibility moderate to very poor becoming mostly very good by midday, but lowering moderate to poor in showers and summit cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 24 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/40 W	32/41 W	38/48 W	41/53 W	40/53 W	36/47 W	36/47 W	36/49 W	34/46 W
300	26/34 SW	25/34 SW	27/37 SW	29/40 W	27/38 W	24/35 W	22/33 W	25/37 W	23/34 W
Valley	15/32 SW	15/32 W	17/35 W	19/38 SW	18/39 W	16/36 W	17/37 W	17/36 W	16/33 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/2	9/4	9/4	9/3	8/3	6/0	6/-1	5/-2	5/-2
300	10/5	10/6	10/6	11/6	11/7	9/5	9/4	8/3	7/3
Valley	10/7	10/7	11/8	11/8	12/8	10/6	9/5	8/4	8/4
Freezing Level*	2900m	2900m	2500m	2100m	1800m	1400m	1400m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant buffeting over the tops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 23 Dec 2023	11.5mm	28.5mm	43.2mm

Forecast for Monday 25 Dec 2023

Weather: A few clear spells overnight, but mostly cloudy with showers or longer outbreaks of rain. Windy with summit gales.

Maximum wind: West or Southwest 30 to 35mph gusting 50mph.

Chance of cloud-free hill tops above 600m: 60%

Low cloud and visibility: Extensive or overcast cloud, base around 600m, patches to 300m possible. Visibility moderate to poor at times over the tops, but good or very good at times lower down.

Temperature: **Valleys:** Plus 4 rising to 9 Celsius
At 600m: Plus 2 to 4 Celsius
Freezing level: Above the summits

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